

(19) World Intellectual Property
Organization
International Bureau



551519



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/088085 A1

(51) International Patent Classification⁷: E06B 9/308. (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EB, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/IB2004/050363

(22) International Filing Date: 30 March 2004 (30.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: PA 2003 00485 31 March 2003 (31.03.2003) DK

(71) Applicant (for all designated States except US): ART ANDERSEN A/S [DK/DK]; Gl. Kongevej 3, DK-1610 København (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KRAB, Jørn [DK/DK]; Henrik Steffens Vej 1, DK-1810 Frederiksberg C (DK). DAHL, Svend-Erik [DK/DK]; Kirkebakken 13, Fløng, DK-2640 Hedenhusene (DK).

(74) Agent: BUDDE, SCHOU & OSTENFELD A/S; Vester Søgade 10, DK-1601 København (DK).

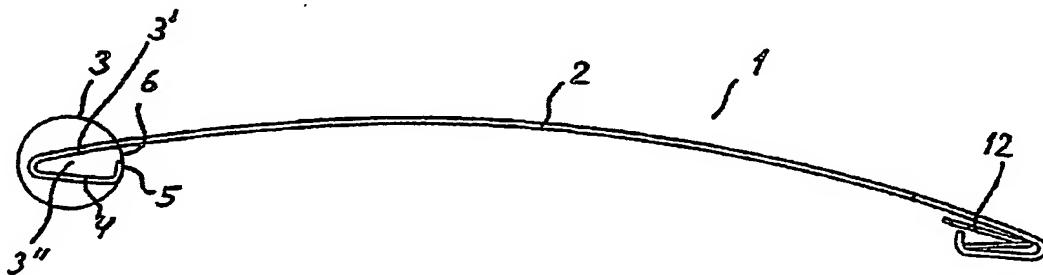
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VENETIAN BLIND



WO 2004/088085 A1

(57) Abstract: The invention relates to slats (1) for a venetian blind comprising slats of very large dimensions, both relating to the width of the slats and to the longitudinal extension of the slats (1). Thus the venetian blind comprising these slats can be made to cover very large window openings or other parts of buildings and rooms. The slats (1) are provided with longitudinal edge portions (3) serving the dual purpose of increasing the overall rigidity of the slats (1) and of providing attachment means (12) for support cords of the slats (1). The slats are operated by pairs (typically two) of lift and tilt cords running in parallel along the longitudinal edges of the slats (1), thereby avoiding passages through the slats (1), which is advantageous both from an aesthetical point of view and from the point of view of the necessary production technique for the slats (1). The invention also relates to releasable attachment means (12) for connecting the slats (1) to the tilt cords of the venetian blind. The Invention furthermore relates to the venetian blind as such comprising the above slats (1) and attachment means (12), and due to these it becomes possible to assemble the complete venetian blind in situ in a very easy manner. Also the removal and replacement of individual slats (1) without the necessity to dismantle major portions of the venetian blind is greatly facilitated according to the invention. Finally the invention also relates to a lift- and tilt mechanism for controlling tilting and raising/lowering of the slats (1).